



123103

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: John S. Sadowsky

Title: SYMBOL DE-MAPPING METHODS IN MULTIPLE-INPUT MULTIPLE-OUTPUT SYSTEMS

Attorney Docket No.: 884.A49US1

Customer No.: 21186

PATENT APPLICATION TRANSMITTAL**MAIL STOP PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- Return postcard.
- Utility Patent Application comprising:
- Specification (34 pgs, including claims numbered 1 through 30 and a 1 page Abstract).
  - Formal Drawing(s) (8 sheets).
  - Unsigned Combined Declaration and Power of Attorney (3 pgs).

22387 U.S.PTO  
10/750169

The filing fee (NOT ENCLOSED) will be calculated as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	30-20	10	x 18.00 =	\$180.00
INDEPENDENT CLAIMS	6-3	3	x 86.00 =	\$258.00
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$770.00
TOTAL				\$1208.00

**THE FILING FEE WILL BE PAID UPON RECEIPT OF THE NOTICE TO FILE MISSING PARTS.**SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number: 21186

By: Ann M. McCrackin  
 Atty: Ann M. McCrackin  
 Reg. No. 42,858

"Express Mail" mailing label number: EV370238753USDate of Deposit: December 31, 2003

This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to The Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.